-		16	FOUNTAINS OR DRINKING TUBES AND
1 2.1	PROCESSES	10	STRAWS
∠.⊥	.Of weather control or modification	17	.Ornamental
2.2		18	With illuminating means
	Snowmaking	19	With ground distributing means
3	.Including electrostatic charging	10	(e.g., lawn sprinklers)
4	.Vibratory or magneto-strictive	20	With recirculating means
_	projecting	21	With reversible feed and waste
5	.Of fuel injection	21	chambers
6	.Involving slow diffusion	22	Fluid pressure discharging
7	.Including centrifugal force or	22	means (e.g., aspirating)
_	spattering	23	Liquid pump, pulsator or
8	.Including mixing or combining	23	follower
	with air, gas or steam	24	.Drinking
9	And additional dissolving or	25	With or for attachment to
	entraining of material in	23	faucet
1.0	liquid stream	26	Swivelly mounted single outlet
10	.Including dissolving or	20	means
	entraining in liquid stream	27	Swingable into or out of
11	.Of discharge modification of	27	deflecting position
1.0	flow varying	28	With catch basing
12	Involving drinking or	29	With flow line valve
	ornamental fountains	29.3	Portable, or with self-
13	.Including heating or cooling	29.3	contained liquid holder
14.1	WEATHER CONTROL	29.5	Leg or foot actuated valve
14.2	.Snowmaking	29.5	operator
690	ELECTROSTATIC TYPE	30	Extensible or flexible bubbler
690.1	.Induction charging	30	nozzle
691	.With automatic safety feature	31	Converging jets or bubblers
692	.With electrogasdynamic generator	31	(e.g., bubble cups)
	in spray device	32	With self-closing discharge
693	.Spray device recovers unused	52	valve
	particles	33	Portable drinking tubes and
694	.With cyclical movable support	55	straws
695	.Plural spray devices	34	SLOW DIFFUSERS
696	.Having plural exit openings	35	.With empty or refill signal or
697	.Fixed member deflects exiting	55	indicator
	material	36	.Garment or body attached
698	Forward of nozzle	37	.Gravity flow of liquid from
699	.With impeller (e.g., vibrator)	37	supply holder
700	Rotary	38	Free drip to open holder
701	With spray portion intercept	39	Barometric flow to secondary
	member	3)	holder
702	With axially spaced impeller	40	Drip discharge from secondary
	surfaces	40	holder
703	Dish- or cone-shaped impeller	41	To porous distributor to
704	.With fluid entrainment	41	atmosphere
705	With air outlet forward of	42	Porous distributor to
	material outlet	42	atmosphere
706	With charging electrode mounted	43	To porous distributor exposed
	on spray device	43	
707	Extending forward of material	44	to atmosphere .With wick or absorbent means
	outlet	77	removing liquid from holder
708	.Pressurized spray material		removing right from norder

45	Serially arranged wicks or absorbent means	73	.Position or extent of motion indicator
46	With means for drip escape	74	.With spray material quantity or
	from casing		flow indicating means (e.g.,
47	Nonuse housing or casing		sight gauge)
	arrangement (e.g., stored in	75	WITH VISCOSITY OR TEMPERATURE
	supply)		RESPONSIVE CONTROL MEANS
48	Reel-type storage	76	WITH PRESSURE OR FLOW
49	With flow varying means	, 0	EQUALIZATION MEANS TO PLURAL
50			DISTRIBUTORS
50	Relatively movable wick and	77	ORCHARD-TYPE MOBILE DISTRIBUTOR
	supply for discharge or	/ /	*
г1	adjustment		COMPRISING FLUENT DISCHARGED
51	With means for drip escape from	7.0	INTO GASEOUS CONVEYING CURRENT
	holder	78	.With current directing louvers
51.5	In housing having multiported wall spaced from absorbent	79	WITH MEANS FUSING SOLID SPRAY MATERIAL AT DISCHARGE MEANS
	means	80	.Plural supply means for solid
52	.Reel or spool type support means		spray materials
53	.Liquid supply in absorbent or	81	.Electric arc, spark plug or
	porous media only		induction heating
54	Rigid solid form media	82	.Nozzle with molten pool holder
55	With enclosing casing	83	.Wire or rod type supply
56	Pad type	84	Moving feeder for fusible wire
57	.With support for porous or	0.2	or rod
5 /	apertured encasing means	85	.With supply holder for fusible
58	.With means to adjust casing	03	material (e.g., pulverulent
30	porosity or openings		solids)
59	By alignment of apertured members	86	INJECTION NOZZLE HAVING CAPILLARY TYPE FEED PASSAGES
60	.Solid form vaporizable material	87	INJECTION NOZZLE HAVING PLUNGER
61	WITH SELECTIVE PROPORTIONING OR	0,	OR VALVE CONTROLLED BY
01	CORRELATED FLOW FOR PLURAL		PRESSURE BEYOND NOZZLE OUTLET
	FLUIDS		(E.G., COMPRESSION PRESSURE
62			OPERATED)
02	.Having traversing motion	88	UNITARY INJECTION NOZZLE AND PUMP
62	responsive means	00	OR ACCUMULATOR PLUNGER
63	WITH CUTOFF OR FLOW VARYING MEANS		or necondition individue
		9.0	Aggumulator plunger biaged to
	OPERATED BY MEANS RESPONSIVE	89	.Accumulator plunger biased to
	TO DISCHARGED FLUID (E.G.,		discharge fluid
<i>-</i> 1	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING)	90	discharge fluid .Plunger interconnected or
64	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control	90	<pre>discharge fluid .Plunger interconnected or mounted bypass</pre>
	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means		discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or
64 65	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control	90	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet
	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means	90	<pre>discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve)</pre>
	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing	90 91 92	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor
65	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver	90	<pre>discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve)</pre>
65	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION	90 91 92	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT
65 66	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS	90 91 92	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP
65 66	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW	90 91 92	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow
65 66 67	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS	90 91 92 93	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP
65 66 67 68	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means	90 91 92 93	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow
65 66 67 68 69	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means .By programming means	90 91 92 93	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow regulator (e.g., opposed)
65 66 67 68 69 70	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means .By programming means .Timer means	90 91 92 93	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow regulator (e.g., opposed) UNITARY INJECTION NOZZLE AND
65 66 67 68 69 70	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means .By programming means .Timer means WITH SIGNALS, INDICATORS,	90 91 92 93	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow regulator (e.g., opposed) UNITARY INJECTION NOZZLE AND VALVE WITH CONTINUOUSLY
65 66 67 68 69 70	TO DISCHARGED FLUID (E.G., GROUND MOISTURE SENSING) .With overriding second control means .By level or weight in testing receiver SERIALLY OPERATED DISTRIBUTION MEANS WITH SELECTIVELY PRESET FLOW CUTOFF OR INITIATING MEANS .By rate of flow or volume means .By programming means .Timer means WITH SIGNALS, INDICATORS, RECORDERS, METERS OR	90 91 92 93	discharge fluid .Plunger interconnected or mounted bypass .Plunger interconnected or mounted valve (e.g., outlet valve) .Fluid operated plunger motor FLOW REGULATOR OPERATED CONCURRENTLY WITH INTERMITTENT FLUID PUMP .Plural motor surfaces on flow regulator (e.g., opposed) UNITARY INJECTION NOZZLE AND VALVE WITH CONTINUOUSLY

96	INJECTION NOZZLE OPENED BY RELIEVING SUPPLY (E.G.,	673	Plural scatterers receiving material axially
97	ACCUMULATOR TYPE) PATTERN CONTROL BY SYNCHRONIZING	674	Feed means outside of primary supply container
	FLOW REGULATOR MEANS WITH	675	Screw conveyor
	CYCLICALLY MOVING DISTRIBUTOR	676	Including movable gate, barrier
98	.Plural outlets with abutment		or valve upstream of scatterer
	operated flow diverter	677	Speed varying means for driven
650	CONTAINER FOR NON-FLUID MATERIAL,		scatterer or feed
	AND SCATTERING MEANS	678	Limit means stopping feed
651	.With loading or loading	679	Rotating scatterer receiving
	facilitating means		material peripherally
652	.Scattering by direct manual	680	Rotating feed or strewing unit
	movement		(e.g., beater, etc.) upstream
653	.Body supported		of scatterer
654	.With means generating or	681	.Rotating scatterer
	supplying gaseous mixing	682	Plural
	current	683	Including agitating means
655	Laterally extending scatter	684	Including specific driving
	unit		means
656	.Scatterer fed by plural	685	From ground wheel
655	containers	686	Manual or pedal
657	.Container tilted for discharge	687	Scatterer receives material
C F 0	(e.g., dump truck, etc.)		axially
658	.Scattering means is flail	688	Scatterer has radially
659	.Scattering means has to and fro		directed tube
	<pre>movement (e.g., vibratory, etc.)</pre>	689	.Scatterer is tubular or in
660	.With overload release or relief	0.0	surrounding housing
661	.With means for mounting on	99	WITH MEANS CAUSING INTERMITTENT
001	tractor		INTERRUPTION OF SUPPLY TO
662	.With feature relating to liquid		DISTRIBUTOR MEANS (I.E., ON- OFF)
002	material	100	.Ground wheel controlled
663	.Convertible or combined	100	intermitter
664	.Ambulant container and laterally	101	WITH MEANS FOR FLUCTUATING FLOW
	extending scatterer	101	OR PRESSURE OF FLUID SUPPLIED
665	.Including means varying scatter		TO DISTRIBUTOR MEANS
	pattern of rotating scatterer	102.1	WITH MEANS TO VIBRATE OR JIGGLE
666	Adjustable deflector		DISCHARGE
667	.Plural, rotary scatterers, on	102.2	.By electric transducer (e.g.,
	intersecting axes or coaxial		piezoelectric crystal)
	and counter rotating	103	NOZZLE CARRIED APERTURED SHIELD
668	.Hopper and gravity discharge to		AND COLLECTOR
	scatterer receiving material	104	WITH CLEANING MEANS, DRIP
	peripherally		COLLECTING, WASTE DISPOSAL OR
669	Scatterer at least partially		SOIL PREVENTING GUARDS OR
	within hopper		SHIELDS
670			
	.Drive from vehicle motor power	105	.Soil preventing gas shield
	take off	105 106	.Nozzle cleaner, flusher or
671	take off .Including raking type conveyor	106	.Nozzle cleaner, flusher or drainer
671	take off .Including raking type conveyor moving material toward		.Nozzle cleaner, flusher or drainerWith means for enlarging spray
	take off .Including raking type conveyor moving material toward scatterer	106	.Nozzle cleaner, flusher or drainerWith means for enlarging spray openings beyond normal
671 672	take off .Including raking type conveyor moving material toward scatterer .Including driven conveyor or	106	.Nozzle cleaner, flusher or drainer.With means for enlarging spray openings beyond normal operating position
	take off .Including raking type conveyor moving material toward scatterer	106	.Nozzle cleaner, flusher or drainerWith means for enlarging spray openings beyond normal

109	Reduction of fluid pressure affects opening (e.g., self-	132.5	Coolant is spray fluid or is added to spray fluid
110	draining showers)With separate drain or access	133	.Spray terminal carrying member carriers heater
110	opening	134	With additional upstream
111	Absence of fluid pressure	131	heating means
	opens drain	135	.Heating means
112	With diverted system fluid or	136	Vapor generator
	nonspraying fluid for cleaning	137	Plural fluids through outlet
113	System fluid diverted	137	means
114	Solid scraping or clearing	138	One an aspirating fluid for
	member	130	discharge
115	Member and nozzle mounted for	139	Spaced jacket or compartment
	relative motion	137	for heating fluid
116	Member is in flow line	140	WITH MEANS MOVABLY MOUNTING
117	Member moves through spray		SUPPLY MEANS FOR DISCHARGING
	opening		CONTENTS
118	By fluid pressure	141	.Rotating tank type
119	Return or reverse flow from	142	WITH AGITATION OF SUPPLY MEANS
	outlet	143	.Gas agitation
120	.Waste disposal or drip	144	.Movably mounted tank or tank
	collecting		part (e.g., vibratory type)
121	Drip cup or trough	145	POROUS OR EXTERNAL WICK DISCHARGE
122	Combined with deflector		MEANS
123	.Solid scraping or clearing	152	BODY OR ANIMAL CARRIED
	member	153	.Body contour feature
124	WITH SYSTEM FLUID RELIEF OR	154	.Hand manipulated discharge means
		_	· · · · · · · · · · · · · · · · · · ·
	RETURN TO SUPPLY	146	WITH MOBILE TANK-TYPE SUPPLY
125	RETURN TO SUPPLY .Recirculation within nozzle	146	WITH MOBILE TANK-TYPE SUPPLY MEANS
125	.Recirculation within nozzle	146 147	MEANS
125 126	.Recirculation within nozzle (e.g., burner nozzle cooling)		MEANS .Ground traversing wheel-form
	.Recirculation within nozzle		MEANS .Ground traversing wheel-form supply tank
	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means	147	MEANS .Ground traversing wheel-form
126	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere)	147	MEANS .Ground traversing wheel-form supply tank .With means replenishing system
126	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet	147	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply
126	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank	147	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting
126	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump	147	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to
126 127	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading)	147 148 149	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support
126 127	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE	147 148 149	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or
126 127	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main	147 148 149	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g.,
126 127 127.1	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or	147 148 149	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)
126 127 127.1 127.3	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle	147 148 149 150	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means
126 127 127.1	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR	147 148 149 150	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected
126 127 127.1 127.3	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID	147 148 149 150 151 155	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverse
126 127 127.1 127.3	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust	147 148 149 150 151 155	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping) .By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge
126 127 127.1 127.3 128 129	.Recirculation within nozzle (e.g., burner nozzle cooling) .By pressure responsive means (e.g., to sump or atmosphere) .Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW .With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases	147 148 149 150 151 155 156	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping) .By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controller
126 127 127.1 127.3	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray	147 148 149 150 151 155 156 157	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping) .By gas stream means .Operational means interconnected with ground traverse .Ground wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type
126 127 127.1 127.3 128 129 130	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device	147 148 149 150 151 155 156 157 158	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump
126 127 127.1 127.3 128 129	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through	147 148 149 150 151 155 156 157 158	MEANS Ground traversing wheel-form supply tank With means replenishing system supply With means movably mounting supply container relative to its support With spray deflecting or compressing means (e.g., striping) By gas stream means Operational means interconnected with ground traverse Ground wheel operated discharge means or controller Ground wheel operated pump Gas pressure pump Spray boom or bar type distributor With motor means imparting
126 127 127.1 127.3 128 129 130	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means	147 148 149 150 151 155 156 157 158 159	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping)By gas stream means .Operational means interconnected with ground traverseGround wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type distributor
126 127 127.1 127.3 128 129 130	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means .In terminal element (e.g.,	147 148 149 150 151 155 156 157 158 159 160	MEANS .Ground traversing wheel-form supply tank .With means replenishing system supply .With means movably mounting supply container relative to its support .With spray deflecting or compressing means (e.g., striping) .By gas stream means .Operational means interconnected with ground traverse .Ground wheel operated discharge means or controllerGround wheel operated pumpGas pressure pump .Spray boom or bar type distributor .With motor means imparting movement to distributor during use
126 127 127.1 127.3 128 129 130 131	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means .In terminal element (e.g., injection nozzle cooling)	147 148 149 150 151 155 156 157 158 159 160	MEANS Ground traversing wheel-form supply tank With means replenishing system supply With means movably mounting supply container relative to its support With spray deflecting or compressing means (e.g., striping) By gas stream means Operational means interconnected with ground traverse Ground wheel operated discharge means or controller Ground wheel operated pump Gas pressure pump Spray boom or bar type distributor With motor means imparting movement to distributor during use Plural bars or booms
126 127 127.1 127.3 128 129 130 131 132	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means .In terminal element (e.g., injection nozzle cooling) .Heat exchange fluid	147 148 149 150 151 155 156 157 158 159 160	MEANS Ground traversing wheel-form supply tank With means replenishing system supply With means movably mounting supply container relative to its support With spray deflecting or compressing means (e.g., striping) By gas stream means Operational means interconnected with ground traverse Ground wheel operated discharge means or controller Ground wheel operated pump Gas pressure pump Spray boom or bar type distributor With motor means imparting movement to distributor during use Plural bars or booms Plural spray heads
126 127 127.1 127.3 128 129 130 131	Recirculation within nozzle (e.g., burner nozzle cooling) By pressure responsive means (e.g., to sump or atmosphere) Return from liquid pump outlet to supply holder (e.g., tank filling, mixing or pump unloading) REACTION MOTOR DISCHARGE NOZZLE WITH JACKETED OR HOLLOW PORTION FOR COOLING FLUID FLOW With subsequent mixing in main discharge stream in or downstream of nozzle WITH HEATING OR COOLING MEANS FOR THE SYSTEM OR SYSTEM FLUID .Employing waste heat or exhaust gases .Vehicle mounted heater and spray device .With plural fluids through outlet means .In terminal element (e.g., injection nozzle cooling)	147 148 149 150 151 155 156 157 158 159 160	MEANS Ground traversing wheel-form supply tank With means replenishing system supply With means movably mounting supply container relative to its support With spray deflecting or compressing means (e.g., striping) By gas stream means Operational means interconnected with ground traverse Ground wheel operated discharge means or controller Ground wheel operated pump Gas pressure pump Spray boom or bar type distributor With motor means imparting movement to distributor during use Plural bars or booms

163	Plural diverse bars or booms	744	Propelling means
164	Adjustable distributor	745	Reel take-up
165	Extensible or telescoping boom	746	Intermittent grip or inching
166	Plural sections articulated or		type
	pivotally mounted	747	Fluid motor or spray fluid
167	Symmetrically disposed		operated
	outboard of carrier	748	Supply line traversing means
168	With central section	749	Hydrant coupling
169	Flexible coupling section to	750	.Track or guideway
	distributor	751	Overhead type
170	Having means to selectively	752	Reciprocating
	control discharge paths	753	With extensible support
171	.Aircraft carried	754	.Jet directed toward or along
172	.Vehicle drawn or carried		supporting surface (e.g., lawn
173	Track guided (e.g., rolling		rakes)
	stock)	193	DISTRIBUTOR HAVING OVERFLOW
174	Locomotive cab type		DISCHARGE (E.G., WEIR TYPE)
	attachments	194	.Escape to fluid conveying
175	With flexible coupling section		current
176	.Adjustable distributor	195	FLEXIBLE FLOW LINE OR OUTLET
722	MOBILE DISTRIBUTOR		STORAGE OR RETRIEVAL MEANS
723	.Irrigation device	196	.Flow control responsive to flow
724	Open pond or ditch type supply		line, outlet or storage means
725	Floating distribution means		movement
726	Nozzles spaced along mobile	197	.With retrieval facilitating
	pipeline		means
727	Including additive supply	198	.Reel and ground supported frame
		200	WITH FIXED SUPPORT FOR OR GROUND
	means	200	WITH FIXED SUPPORT FOR OR GROUND
728	meansCenter pivot	200	INSTALLED SUPPLY MEANS (E.G.,
728 729		200	
_	Center pivot	200	INSTALLED SUPPLY MEANS (E.G.,
729	Center pivotWith noncircular coverage	201	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL
729	Center pivotWith noncircular coverageIncluding means allowing		INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS)
729	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe	201	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinkler
729 730	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sections	201 202 203	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means
729 730	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect	201 202	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to
729 730 731	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignment	201 202 203 204	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluid
729 730 731	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing	201 202 203	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted
729 730 731	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe	201 202 203 204 205	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retraction
729 730 731 732	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sections	201 202 203 204	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously
729 730 731 732	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect	201 202 203 204 205 206	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying
729 730 731 732 733 734 735	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignment	201 202 203 204 205	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected
729 730 731 732 733 734	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubes	201 202 203 204 205 206 207	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow
729 730 731 732 733 734 735	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling means	201 202 203 204 205 206 207 208	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features
729 730 731 732 733 734 735 736	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-up	201 202 203 204 205 206 207	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted
729 730 731 732 733 734 735 736 737	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime mover	201 202 203 204 205 206 207 208 209	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit
729 730 731 732 733 734 735 736 737 738 739	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid	201 202 203 204 205 206 207 208	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing)
729 730 731 732 733 734 735 736 737 738 739 740	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing means	201 202 203 204 205 206 207 208 209 210	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means
729 730 731 732 733 734 735 736 737 738 739	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation	201 202 203 204 205 206 207 208 209 210 211	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS
729 730 731 732 733 734 735 736 737 738 739 740	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of	201 202 203 204 205 206 207 208 209 210	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR
729 730 731 732 733 734 735 736 737 738 739 740 741	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipeline	201 202 203 204 205 206 207 208 209 210 211 214	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT
729 730 731 732 733 734 735 736 737 738 739 740	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipelineLongitudinal movement of	201 202 203 204 205 206 207 208 209 210 211	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT .With addition of other fluid
729 730 731 732 733 734 735 736 737 738 740 741	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipelineLongitudinal movement of	201 202 203 204 205 206 207 208 209 210 211 214 214.11	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) .Embedded or buried sprinklerStreet curb installedWith sprinkler head elevating meansElevating means responsive to flow of spray fluidWith spring assisted retractionDistributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building featuresOverhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT .With addition of other fluid downstream of distributor
729 730 731 732 733 734 735 736 737 738 739 740 741	Center pivotWith noncircular coverageIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentIncluding means allowing articulation of adjacent pipe sectionsWith means to detect misalignmentTrail tubesPropelling meansReel take-upPrime moverFluid motor or spray fluid operatedGuided translating distributorSupply line traversing meansWheel mounted for rotation about longitudinal axis of pipelineLongitudinal movement of	201 202 203 204 205 206 207 208 209 210 211 214	INSTALLED SUPPLY MEANS (E.G., STATIC CONSTRUCTIONAL INSTALLATIONS) Embedded or buried sprinkler .Street curb installed .With sprinkler head elevating means Elevating means responsive to flow of spray fluid With spring assisted retraction Distributor continuously moves during spraying .Multiple spray heads connected for serial flow .Building features .Overhead or ceiling mounted supply conduit .Moving (non-ground traversing) distributing means SIMULATIONS SLINGER OR SPLASHER; OR DEFLECTOR ROTATED RELATIVE TO EFFLUENT .With addition of other fluid

214.15	Plural fluid outlets from distributor	233	Deflector causes movement of distributor
214.17	With combining of fluids and subsequent distribution	236	.With undulating or irregular cam track for noncircular pattern
214.19	One of relatively axially		control
211.17	movable concentric flow paths	237	.Spray fluid motor drive means
	continuously rotating	207	(not reaction)
214.21	With pump or interior guide	238	By weight of accumulated fluid
	vanes for fluid	239	Continuously operative
214.23	Adjustable or deformable	207	rectilinearly reciprocating
214.25	.With combining of diverse fluids		motor
	at or upstream of distributor	240	Rotary motor drive (e.g.,
215	.With separate pump or movable		turbine type)
	conveyer means delivering to	241	With step-by-step advance
	distributor		motion
216	Bowl-like rotating sleeve	242	Reciprocating or oscillating
	conveyer		distributor
217	And scoop delivering to	243	.Multiple distributors supported
	distributor		for relative motion or on
218	Endless belt conveyer		different axes (one may be
218.5	Screw or spiral conveyer		stationary)
219	.Slinger or splasher dipping into	244	One distributor drives another
	or immersed in supply	245	Coaxially arranged distributors
220	Horizontal axis rotary	246	.Distributor with diversely
	distributor		shaped or oriented terminal
221	Submerged impeller type		members or outlets
	splasher or slosher	247	Adjustable or shiftable
222	.Spray apertured casing spaced	0.4.0	terminal member
	about distributor	248	Groups of terminal members or
222.11	.Nozzle delivers fluid to deflector		outlets spaced along axis of rotation
222.13	Nozzle continuously moves	249	Circumferentially alternating
222.15	Deflector causes movement		diverse terminal members or
222.17	Fluid actuated deflector		outlets
222.19	Plural streams to unitary	251	.Reaction-type nozzle motive
	deflector		means
222.21	Eccentrically mounted	252	With brake, lock or retarder
223	.Disc impeller type or bowl-like	253	Terminal members adjustable
	slinger or deflector		simultaneously or radially
224	Disc or impeller type	25.4	swinging
225.1	DISTRIBUTOR CONTINUOUSLY MOVES	254 255	Filter bed type or fluid seal
	RELATIVE TO SUPPORT DURING	4 55	Oscillating or reciprocating distributor
006	SPRAYING	256	Control of speed or axis of
226	.With supply holder or plural	250	rotation shiftable (manual
007	substance mixing		valves excluded)
227	.Compound motion of distributor	257	Variable outlet aperture size
	or terminal member about plural axes	258	Varying jet to change
228	Sediment collector or internal		tangential reaction component
44U	diverter baffle	259	With binding preventing means
229	.Wriggler or flexible distributor		or seal
230	.With impact motive means	260	Distributor vibrating or
231	.Including deflector		jarring means
232	Movable during operating cycle	261	Support details for moving
	for pattern control		distributor

262	With flow controller	273	WITH GROUND OR VERTICAL SURFACE
263	.Fluid motive means		SUSTAINED SUPPORT MEANS
263.1	.Electric motive means	275	.Support and deflector unit forms
263.2	.Power takeoff from another		base for supply conduit or
	device		terminal outlet member
263.3	.Transmission details	276	.Ground or object penetrating
264	.Support details for moving		support
	distributor	279	.Supply passage configuration
265	Adjustable standard or support		forms stand
265.11	REACTION MOTOR DISCHARGE NOZZLE	280	.Pole, stand or extension carried
265.13	.With retractable noise		head
	suppressing stream divider	280.5	Adjustable support
265.15	.With erodible, frangible or	281	Extensible
	fusible nozzle part	282	.Wall or bracket mounting
265.17	.With addition of secondary fluid	283	Bracket-type support
	upstream of outlet	285	.Flow controller and ground
265.19	.With means controlling amount,		support interconnection
	shape or direction of	288	WITH SOLID MEANS AS GUARD OR
	discharge stream		PROTECTOR
265.23	Fluid jet for stream deflection	288.3	.Bumper or guard protects
265.25	Plural controlled outlets		distributor
265.27	Selective total discharge	288.5	Arcuate or circular
	through diversely shaped or	289	COMBINED OR CONVERTIBLE
	directed outlets	290	INCLUDING SUPPLEMENTAL GAS
265.29	Controller moves into fluid		SHAPING OR SHIELDING JET
	path from position closing one	291	.Air shield surrounds projected
	outlet		airstream (i.e., air gun)
265.31	Axially moved discharge	292	.Angularly adjustable as to point
	portion opens side outlet		of convergence
265.33	Radially outermost flow	293	.Gas-driven rotatable jet orifice
	defining wall adjustable		carrier
265.35	Nozzle aiming adjustable	294	.And additional downstream liquid
265.37	Radially inwardly movable wall		nozzle
265.39	At least three pivoted flaps	295	.On one side only of spray
	form outlet		orifice
265.41	With adjustable upstream	296	.Plural sets of gas jet orifices
	flow path portion	297	One or more sets selectively
265.43	Resilient or deformable wall		usable
266	TERMINAL OUTLET MEANS CONNECTED	298	Jets coupled to turn stream
	IN SERIES FOR THROUGH FLOW		about longitudinal axis
267	.Terminal outlet means in or on	299	.Noncircular supplemental orifice
0.50	flow line coupling		(e.g., special shape)
268	.With casing or support	300	.Adjustable gas flow directing or
269	.With flexible or articulated	0.01	controlling means
0.77.0	flow line section	301	Rotatable port-carrying member
270	NOZZLE WITH AIR SUPPLY MEANS TO	200	effects flow control
0.71	OPERATOR	302	INCLUDING SUPPLY HOLDER FOR
271	WITH NOZZLE OR FLOW LINE ATTACHED	202	MATERIAL
272	PENETRATING MEANS	303	.Plural holders for diverse
272	.Piercing connection to supply	204	materials
274	Means WITH MEANS OPERATED BY ART DEVICE	304	Two or more spray-material holders
274	WITH MEANS OPERATED BY ART DEVICE	305	
∠0 1 .⊥	LIQUID SPRAYER FOR TRANSPARENT PANEL (E.G., WINDSHIELD)	305	Choice of any one material only
284.2	.Headlamp	306	And mixing beyond outlet
40 1. 4	.11=auaiiip	300	And mixing beyond outlet

307	And carrier fluid supply	339	Liquid inlet port to submerged
308	Holder for carrier fluid	0.4.0	gas tube
309	.And frangible seal rupturing means	340	<pre>Pressure reducer at holder outlet</pre>
310	.To be mixed, dissolved or entrained in a flowing liquid	341	Relatively adjustable gas and liquid streams
	stream prior to discharge	342	Auxiliary trap, articulated or
311	Gas addition upstream of spray nozzle outlet		plural point inlet to eduction tube
312	Diverse discharge outlets for	343	And diffuser or baffle means
	mixed and unmixed fluids respectively	344	(e.g., sudser or foamer)
313	Follower-type holder and stream	344	Modified flow path in eduction tube
313	egress means in juxtaposition	345	Discharge from upended or
314	Mixing beyond liquid stream		tilted holder (e.g., by
	outlet		gravity feed to reducer)
315	Holder within terminal element carrying member	346	Holder coupled to gas supply source
316	Unitary outlet means and holder	347	Flow control by venting
317	Branching flow and recombining		pressure fluid to atmosphere
	in terminal member	348	Fluid pressure in carrier
318	Aspirating discharge nozzle	240	supply line is vented
319	.Moving solid surface supplying	349	Interconnected pump means and conduit closure or valve
	material beyond carrier fluid outlet	350	Measured or trapped quantity
320	.Follower in holder	330	for discharge
321	Floating or biased piston	351	Motor-operated gas pump
322	Fluid pressure actuated	352	And supply replenishing means
323	Collapsible or flexible	353	Plural valves actuated by
323	follower (i.e., non-rigid)		common operator
324	Screw actuated	354	Including valved eduction tube
325	.Conveyer for fluent solid in		or closure means
	holder	355	Holder carried or mounted gas
326	.Temporary storage in wick or pad	0.5.6	pump
327	.Resilient holder wall	356	Flexible wall gas pump
328	.Collapsible or foldable supply	357	encases liquid holder
220	holder	358	Telescoping holder or casing
329	.Moving solid surface engages	359	Multiple outlet
330	<pre>material to be sprayedDiaphragm and flexible wall gas</pre>	339	Having means to lock plunger or pump
330	pump combined	360	Pump casing within supply
331	Enclosing casing about moving		holder
	surface	361	Unitary mounting for eduction
332	Motor-operated		tube and air pump
333	Separable pump with holder	362	Flexible wall gas pump
	mount or securing means	363	Flexible wall gas pump
334	Articulated or plural point ingress to pump	364	Parallel pressure flows to holder and pressure reducer
335	.Three or more spray fluids	365	Branched flow from main
	(e.g., induction of ambient		stream to holder
	air)	366	Air and liquid flow paths
336	One a fluent solid		combine upstream of spray
337	.Fluid pressure discharge means		outlet
338	Material atomized in holder		
	(e.g., nebulizer)		

367	Unitary mounting for pressure fluid inlet and	397	.Selective coupling means for head or nozzle
368	<pre>liquid outletAir and liquid flow paths combine upstream of spray outlet</pre>	397.5	DISTRIBUTOR HAVING THERMAL EXPANSION JOINT, DIFFERENTIALLY EXPANDING MATERIALS OR INSULATION
369	Air and liquid flow paths combine upstream of spray outlet	398	COMBINING OF SEPARATELY SUPPLIED FLUIDS (I.E., PLURAL FLOW PATHS)
370	<pre>And baffle, diffuser or flow separating means (i.e., nebulizer)</pre>	399 400	.Including whirler device to induce fluid rotationThree or more fluids
371	Concentrically arranged flow paths	401	Axially adjustable valve with fluid conducting stem
372	Gas passage from gas space in holder through fluid outlet means	402	Plural serially arranged whirlers for same or for mixed fluids
373	Means to pressurize contents of holder	402.5	Adjustable or selective whirl inducing means
374	.Hand-manipulable shaker or jiggler type	403	Whirling of fluid prior to or at point of addition of second
375	.Including handle or handgrip for supply container and attached outlet	404	<pre>fluidDiscrete whirler means for each fluid</pre>
376	Gravity discharge hand carried	405	Fluid in outer of
377	Upending or tilting for discharge	405	concentrically arranged paths is whirled
378	Handle grip and flow controller juxtaposed	406	Mixing at or downstream of terminus
379	.Gravity flow from holder (e.g., hopper type)	407	.And valving means controlling flow for combining
380	MOTOR OR SPRAY FLUID OPERATED	408	By terminal ejection valve
	CONTINUOUSLY MOVING DISCHARGE MODIFIER	409	Liquid storage means proximate to ejection outlet
381	.Spray fluid operated	410	Fluid pressure operated valve
382	Deflector or whirler		(mixed or unmixed)
383	Rotating whirler	411	By gas pressure
389	Pivoted on axis transverse to flow	412	
390	PLURAL INTERCHANGEABLE DISCHARGE MODIFIERS, OUTLET ARRANGEMENTS	413	Valving means for each of diverse fluids
	OR COUPLING MEANS	414	Multiway valve or single
391	.Selectively arrangeable outlet means	415	operator for plural valvesFor successive valve control
392	Movably mounted multi-terminal outlet carrying member	416	Relatively movable concentric flow paths effect valving
393	Member rotates on axis transverse to flow path	416.1	For three or more diverse fluids
394	Member rotates on axis	416.2	Plural valves for same fluid
	longitudinally of flow path	416.3	Parallel
395	Member reciprocates	416.4	Concentric flow paths
	transversely of flow path	416.5	Concentric flow paths
396	.Discharge modifier upstream of	417	Relatively movable flow paths
	terminal outlet	417.3	Valving means for central
		11/.5	fluid

417.5	Discrete flow paths for diverse fluids	439	Deflector and outlet forming means combined
418	.At or beyond outlet	440	Two or more concentric
419	With partial preliminary mixing		annular outlets
419.3		441	Central and concentric
419.3	Two of three disparate fluids	441	
440 =	premixed	4.4.0	annular outlets
419.5	Induction of ambient air	442	.By selection of coupling means
420	Including movable means for	443	.And valve controlling flow
	varying point of convergence	444	Valving means for each flow
421	Including peripheral or annular		path
	outlets at junction of opposed	445	Valved faucet with selective
	coaxial fluid paths		terminal flow paths to
422	Combining of three or more		discharge (e.g., high or low
	separate fluid streams		velocity draft cocks)
423	Concurrent or concentric flow	446	Integral or rigidly
123	means	110	interconnected valving means
424		447	At least one flow path always
424	Flow means of one fluid	44/	
404 5	surrounds the other at outlet	4.4.0	open
424.5	Plural passages discharge one	448	Central flow path
	fluid to other	449	And surrounding ports
425	To outer fluid at outlet		(peripheral)
425.5	Ambient air aspirated	450	ADJOINED CONTIGUOUS ELONGATED
	through inner flow path		SPRAY CONDUITS (E.G., PARALLEL
426	Streams meet at right angles		CONDUITS)
427	.Serially arranged mixing zones	451	TERMINAL OUTLET FORMED BETWEEN
	(i.e., of same or mixed		PARTS MOUNTED FOR RELATIVE
	fluids)		MOVEMENT
427.3	Additions of fluid in zones	452	.Spray fluid pressure responsive
	spaced along flow path		discharge modifier
427.5	At least three diverse fluids	453	Axially reciprocating closure
428	.Combining of three or more		deflector-type modifier
	separate streams	454	Gravity seated tapered plug
428.5	.Liquid flow induces atmospheric	455	.Laterally movable outlet part
	air (e.g., faucet aerator)	456	.Axially movable outlet part
429	.Plural inlets to one stream from	457	Moved by rotatable flow
127	another		conducting terminal member
430	Three or more inlets to one		part
430	stream from other	458	Radially outer and axially
431		150	movable part
	Normal to entered stream	459	Spring biased nonrotatable
432	.Including additional dispersing	437	controller within discharge
	plate or obstruction in mixing		
422	chamber	460	guide
433	.Fluid streams have angular	460	Peripherally fluted or grooved
	junction	4.6.1	member
434	Streams meet at right angles	461	FLOW DEFLECTING OR ROTATION
434.5	One fluid discharges into other	4.5.0	CONTROLLING MEANS
	in concentric conical portion	462	.And filtering or screening means
	of outer conduit	463	.Fluid rotation inducing means
435			
100	VALVED FAUCET HAVING CONTRACTING		upstream of outlet
100	VALVED FAUCET HAVING CONTRACTING CHAMBER JET FORMING MEANS	464	And fluid pressure responsive
436			And fluid pressure responsive flow modifying means
	CHAMBER JET FORMING MEANS	464 465	And fluid pressure responsive
	CHAMBER JET FORMING MEANS SELECTIVELY USABLE OR VARIABLE		And fluid pressure responsive flow modifying means
436	CHAMBER JET FORMING MEANS SELECTIVELY USABLE OR VARIABLE DIVERSE TERMINAL OUTLETS		And fluid pressure responsive flow modifying meansAnd adjustable flow modifier requiring separate insertable tool
436	CHAMBER JET FORMING MEANS SELECTIVELY USABLE OR VARIABLE DIVERSE TERMINAL OUTLETS .Outlet formed between parts		And fluid pressure responsive flow modifying meansAnd adjustable flow modifier requiring separate insertable

467 468	And serially arranged deflectorWhirl chamber transversely	497	<pre>Multiple angular passages through disc</pre>
	offset to single inflow path (i.e., tangential inflow)	498	.Unitary deflector with multiple fingers or serrated edges
469	Having a central post-like	499	.Chamber-like deflector
	member	500	.Serially arranged deflecting
470	And flow passage in post		surfaces
471	Having valved inlet	501	Surfaces of spiral or helical
472	Peripheral and central flow	332	form
1,2	paths in whirler upstream of	502	.Plural deflectors arranged
	single terminal outlet	302	edgewise to stream
473	Coaxial valving means and	503	Pivoted into and out of
4/3	central port	303	
474	-	E 0.4	discharge path
4/4	Annular egress outlet formed	504	.Deflector apertured for flow
455	between whirler and casing	505	.Deflector movably or removably
475	And centrally ported whirler		mounted relative to outlet
476	Having flow modifier and	506	Deflector is closure
	external operator therefor carried by nozzle	507	Mounted for movement into and out of deflecting position
477	Selective diverse paths to or	508	Bail-type pivoting means
	through terminus	509	Plate means oblique to or on
478	One path avoids whirler		one side of flow path
	action	510	Exteriorly arranged of flow
479	Adjustable between		member
	positional limits	511	Rotated into deflecting
480	Relatively axially movable	0	position
	flow modifier	512	Positioned transversely across
481	Rotary, axially movable	312	flow path
482	Axially aligned nozzle,	513	Adjustable to alter degree of
102	modifier and stem	313	deflection
483	Slotted, ported or grooved	514	Axially movable deflector
	modifying member	515	Supported exteriorly of flow
484	Member having rotary motion	313	outlet
	for adjustment	516	Resilient securing means
485	And motion longitudinally	517	3
105	of the axis of rotation	_	Spring form deflector
486	Single planar spiral	518	.Deflector and terminal flow
400			element
407	perpendicular to flow path	519	Resilient or deformable
487	Axially extending spiral-type	520	Plural outlets to deflector
400	flow passage or diverter	521	Deflector on one side of flow
488	Having a solid core		path
489	In or on flow-passage walls	522	Multiple or discrete
490	Integral whirler and terminal		deflecting surfaces
	head (e.g., terminal nut)	523	Dished or arcuate deflector
491	Apertured cap surmounts whirler	524	Transverse planar or dished
	organization		surface type
492	Whirler is cup-like insert	525	FLOW LINE OR NOZZLE ATTACHED OR
	with tangential inlets		CARRIED HANDGRIP OR HANDLE
493	Downstream end of core member	526	.Pistol grip type
	slotted to form whirl passages	527	Single trigger for plural valve
494	Whirler is slotted or	J = /	actuators
	apertured flat disc or plate	528	For sequentially opened valves
495	Deformed plate	529	ror sequentially opened varves .Finger- or hand-attached or worn
496	Slot in disc face	JAJ	
		E20	(e.g., spray glove)
		530	.Sleeve-type grip

531	.And hook-like holder	552	.Insert at terminus forms plural
532	.Spray pole type		streams
533.1	FLUID PRESSURE RESPONSIVE	553	.Having interior filter or guide
	DISCHARGE MODIFIER* OR FLOW	553.3	Foraminous or apertured member
	REGULATOR*	553.5	Plural fluid directing means
533.2	.Fuel injector or burner	554	.Axial or superposed members
533.3	Having flow regulator* for		arranged to form axially
	reciprocating piston engine		spaced outlets
533.4	With means to vary or pulse	555	Stacked plates
	flow within engine cycle	556	.Arranged in plural groups or
533.5	Upstream of flow regulator*		rows
533.6	Manually adjustable	557	All groups identical
533.7	Regulator* upstream of outlet	558	Concentric or coaxial groups
	port opens in direction of	559	In concavo-convex face
	flow	560	Three or more dissimilar groups
533.8	Regulator* biased to closed	561	.Three or more dissimilar outlets
	position by a fluid	562	.And flow regulation or control
533.9	Spring type or biased		of outlets
	regulator*	563	Sequential control of outlets
533.11	With antifriction, guide or	564	Bi-dimensional control
	seal means for flow regulator*	565	.Branched flow line type
533.12	With discharge modifier*	566	.All in a single straight line
533.13	.Resilient or deformable terminal	567	.All in a concavo-convex face
	outlet	568	.Slit or slot-like apertures
533.14	Outlet carried by or formed in	569	INCLUDING VALVE MEANS IN FLOW
	a disc		LINE
533.15	.On-off only	570	.Line fluid operated
536	SIMILAR TERMINAL MEMBERS IN	571	Flow direction responsive valve
536	SIMILAR TERMINAL MEMBERS IN MULTIPLE ARRANGEMENTS		_
536537		571	Flow direction responsive valve
	MULTIPLE ARRANGEMENTS	571	Flow direction responsive valveDownstream flow to outlet
	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART	571 572	Flow direction responsive valveDownstream flow to outlet closes valve
537	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT	571 572	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion
537538	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unit	571 572	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion effecting means (e.g., aerosal
537 538 539	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movement	571572573	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion effecting means (e.g., aerosal type)
537 538 539 540	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type	571572573	Flow direction responsive valveDownstream flow to outlet closes valve.And fluid to gas expansion effecting means (e.g., aerosal type).Serially arranged valves (e.g.,
537 538 539 540	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit	571572573574	 Flow direction responsive valve Downstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line)
537 538 539 540 541 542	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating)	571572573574575	 Flow direction responsive valve Downstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen
537 538 539 540 541	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED	571572573574575	 Flow direction responsive valve Downstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath
537 538 539 540 541 542	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR	 571 572 573 574 575 576 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve
537 538 539 540 541 542	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON	 571 572 573 574 575 576 577 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type
537 538 539 540 541 542	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING)	 571 572 573 574 575 576 577 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face	 571 572 573 574 575 576 577 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unit .Having axial movement .Disc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets	571 572 573 574 575 576 577 578	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire)
537 538 539 540 541 542 543	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unit .Having axial movement .Disc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING	571 572 573 574 575 576 577 578	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET	 571 572 573 574 575 576 577 578 579 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN	 571 572 573 574 575 576 577 578 579 	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF	571 572 573 574 575 576 577 578 579	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment
537 538 539 540 541 542 543 544 545 546	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by	571 572 573 574 575 576 577 578 579 580 581.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid	571 572 573 574 575 576 577 578 579 580 581.1 581.2	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valvingIncluding axial movement
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid .Plural separable nozzles on	571 572 573 574 575 576 577 578 579 580 581.1 581.2	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving .Including axial movementStem or operator extends
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid .Plural separable nozzles on spray pipe	571 572 573 574 575 576 577 578 579 580 581.1 581.2 582.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valving .Including axial movementStem or operator extends through flow conduit
537 538 539 540 541 542 543 544 545 546 547	MULTIPLE ARRANGEMENTS TERMINAL MEMBER AND VALVE PART MOVE AS UNIT .Rotatable unitHaving axial movementDisc type .Axially movable unit (reciprocating) CONDUIT OR NOZZLE ATTACHED IRRIGATION-TYPE DECELERATOR ONE FLUID STREAM IMPINGES UPON ANOTHER (I.E., CONVERGING) .Orifices in recessed face .Directly opposed outlets INCLUDING MEANS MODIFYING DEFORMABLE TERMINAL OUTLET DISTRIBUTOR OR NOZZLE IN CIRCUMFERENTIAL WALL OF FLEXIBLE SUPPLY LINE UNITARY PLURAL OUTLET MEANS .Plural outlets each supplied by different fluid .Plural separable nozzles on	571 572 573 574 575 576 577 578 579 580 581.1 581.2 582.1	Flow direction responsive valveDownstream flow to outlet closes valve .And fluid to gas expansion effecting means (e.g., aerosal type) .Serially arranged valves (e.g., trap or wet flow line) .And filter, sifter or screen .Flexing flow conduit or sheath unseats valve .Unhinged tilting type .Relatively movable remotely arranged operator for controller (e.g., Bowden wire) .Movable terminal flow member controls valve .Requiring separate insertable tool for adjustment .Rotary valvingIncluding axial movementStem or operator extends through flow conduit .Reciprocating

585.2	With separate operator		
	therefor	FOREIGN	ART COLLECTIONS
585.3	Plate-type armature valve		
	(e.g., plate and integral	FOR 000	CLASS-RELATED FOREIGN DOCUMENTS
	projection or ball)		
585.4	Elongated armature with		
	integral projection		
585.5	Needle-type projection	DIGESTS	
586	Transverse to flow path		
587.1	TERMINAL MEMBER ADJUSTABLY OR	DIG 1	PATTERN SPRINKLER
	SHIFTABLY CONNECTED TO FLOW	DIG 2	SCARFING TORCHES
	CONDUIT	DIG 3	FLUID AMPLIFIER
587.2	.Plural distinct articulation	DIG 4	"O"-RING
	type flow connections	DIG 5	BALL AGITATORS
587.3	Includes ball and socket	DIG 6	LAWN MOWER
587.4	.Ball and socket flow connection	DIG 7	COANDA
587.5	.Pivot type flow connection	DIG 8	CUTTER SPRAYER
587.6	With pin in pivot type	DIG 9	SLIDE FASTENER
	connection	DIG 10	
588	.Flexible coupling section	DIG 11	
589	RIGID FLUID CONFINING DISTRIBUTOR	DIG 12	FLEXIBLE OUTLETS
589.1	.Fluidic oscillator	DIG 13	SOOT BLOWERS AND TUBE CLEANERS
590	.Having interior filter or guide	DIG 14	
590.3	Foraminous or apertures member	DIG 15	SPRINKLER SYSTEMS WITH CONTROLS
590.5	Plural fluid directing means	DIG 17	LOW VOLUME
591	.Including flow passage liner	DIG 19	
	(e.g., wear liner)	DIG 21	
592	.Flat and tapered	DIG 22	SAFETY AIR NOZZLES
593	One wall only tapered to	DIG 23	SCREENS
	direction of flow	210 20	2 51
594	And remaining opposite side		
	walls converging		
595	And superposed curved discharge		
F06	edges		
596	Orifice in separable disc or		
F 0 F	plate		
597	.Elongated orifice in terminal member		
598	Oblique to direction of flow		
599	Oval or elliptical		
600	.Assembly or disassembly feature		
601	.Orifice shapes		
602	MISCELLANEOUS (E.G., RESILIENT		
	NOZZLE)		

CROSS-REFERENCE ART COLLECTIONS

900 ELECTROMAGNETICALLY ACTUATED FUEL
INJECTOR HAVING BALL AND SEAT
TYPE VALVE